

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	MAILSTOP:
)	
Qinghong K. Gao et al.)	Group Art Unit: Unassigned
)	
Application No.: New Utility Application)	Examiner: Unassigned
)	
Filed: June 20, 2003)	Confirmation No.: Unassigned
)	
For: MULTIPLE ZONE GAS)	
DISTRIBUTION APPARATUS FOR)	
THERMAL CONTROL OF)	
SEMICONDUCTOR WAFER)	

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

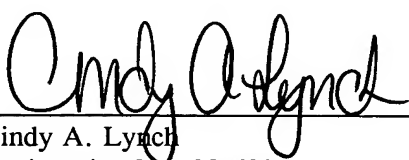
- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [] A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 20, 2003

By: 
Cindy A. Lynch
Registration No. 38,699

P.O. Box 1404
Alexandria, Virginia 22313-1404
(650) 622-2300

Patent
Attorney's Docket No. 015290-704

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	MAILSTOP:
)	
Qinghong K. Gao et al.)	Group Art Unit: Unassigned
)	
Application No.: New Utility Application)	Examiner: Unassigned
)	
Filed: June 20, 2003)	Confirmation No.: Unassigned
)	
For: MULTIPLE ZONE GAS)	
DISTRIBUTION APPARATUS FOR)	
THERMAL CONTROL OF)	
SEMICONDUCTOR WAFER)	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Documents

5,609,720	Lenz et al.	03-11-1997
5,715,132	Steger et al.	02-03-1998
5,761,023	Lue et al.	06-02-1998
5,835,334	McMillin et al.	11-10-1998
5,937,541	Weigand et al.	08-17-1999
5,992,046	Weigand et al.	11-30-1999
6,245,192	Dhindsa et al.	06-12-2001
6,320,736	Shamouilian et al.	11-20-2001
6,373,679	Qiao et al.	04-16-2002

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

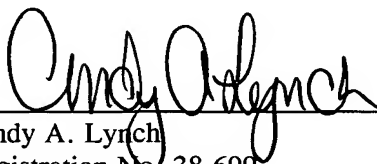
To assist the Examiner, the listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: June 20, 2003

By: _____


Cindy A. Lynch
Registration No. 38,699

P.O. Box 1404
Alexandria, Virginia 22313-1404
(650) 622-2300

Substitute for forms 1449A/PTO & 1449B/PTO FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTORNEY'S DKT NO. 015290-704	APPLICATION NO. New Utility Application
	APPLICANT Qinghong K. Gao et al.	
	FILING DATE June 20, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,609,720		Lenz et al.	03-11-1997
	5,715,132		Steger et al.	02-03-1998
	5,761,023		Lue et al.	06-02-1998
	5,835,334		McMillin et al.	11-10-1998
	5,937,541		Weigand et al.	08-17-1999
	5,992,046		Weigand et al.	11-30-1999
	6,245,192		Dhindsa et al.	06-12-2001
	6,320,736		Shamouilian et al.	11-20-2001
	6,373,679		Qiao et al.	04-16-2002

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.